User's Manual

PRP-088V Series

THERMAL RECEIPT PRINTER

Specifications subjects to change without notice

1.Safety Notice:

* Don't touch the Head of printer with anything.
* Don't touch the cutter blade.
* Don't bend the power cord excessively or place any heavy objects onto it.
* Don't use the printer when it is out of order. This can cause a fire or an electrocution.
* When connecting or disconnecting the plug, always hold the plug but not the cord.
* Keep the printer out of children's reach.
* Use only approved accessories and do not try to disassemble, repair or remodel it by yourself.
* Install the printer on the stable surface. Choose firm, level surface where avoid vibration.
* Don't let water or other foreign objects into the printer.
* Don't connect a telephone line into the peripheral drive connector.
* We recommend that you unplug the printer from the power outlet if no use it for a long period .

2. Applications:

* POS system Receipts
* EFT POS system Receipts
* Gym, post, hospital, civil aviation system Receipts
* Inquiry, Service system Receipts
* Instrument test Receipts
* Tax, Tab Receipts

3. Unpacking

After unpacking the unit, check that all the necessary accessories are included in the package.

User's Manual	1 PCS
Printer	1 PCS
Data Cable	1 PCS
Power Adapter (Include Power cord)	1 SET

4. Features

* 250mm/sec high-speed printing
* Support Kitchen Printing and Ethernet Printing
* With waterproof, dustproof and oil-proof design
* High print quality
* Low working noise
* Support cashdrawer kick-out
* Easy maintenance
* Various interface available (Serial+USB+Ethernet)
* Built-in data buffer
* Support character enlargement, bold, underline, line spacing and character spacing
* Support NV images download
* Low energy consumption and low operation cost
* Compatible with ESC/POS command set
* Character per line and character set can be set by DIP switches
* High speed driver printing mode, 66%Improvement in print speed though serial port
* Connect and print Faster, stop receipt misprinting
* Support Ethernet Printing status monitor, multiple connection printing and OPOS printing
* Support printer identification, software binding and high-speed driver mode
* Support various character sets (include GB18030)

Waterproof

High-speed

Identification

Multiple Connection Printing

OPOS Driver

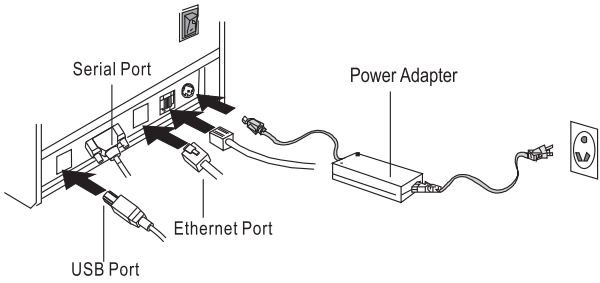
Various Character

5.Specifications

Model	PRP-088V
Printing speed	250mm/sec
Printing width	79.5±0.5mm
Dot pitch	576dots / line & 512dots / line
Character size	ANK Character, Font A: 12×24dots, Font B: 9×17dots, Chinese Character: 24×24dots
Print command	Compatible with ESC/POS
Interface	Serial+Ethernet+USB
Auto cutter	Full or Partial
Reliability print	100Km
Barcode mode	UPC-A/UPC-E/JAN13(EAN13)/JAN8(EAN8)/CODE39/ ITF/CODABAR/CODE93/CODE128/QRCODE
Paper thickness	0.06~0.08mm
Power supply	DC 24V/2A
Power adapter	Input: AC 110V～220V, 50～60HZ Output: DC 24V/2A
Cash drawer	DC 24V/1A
Work temperature	Temperature: 0~45℃, Dampness: 10~80%
Storage temperature	Temperature: -10~60℃, Dampness: 10~90%
Dimensions	140×196×140MM (W×D×H)

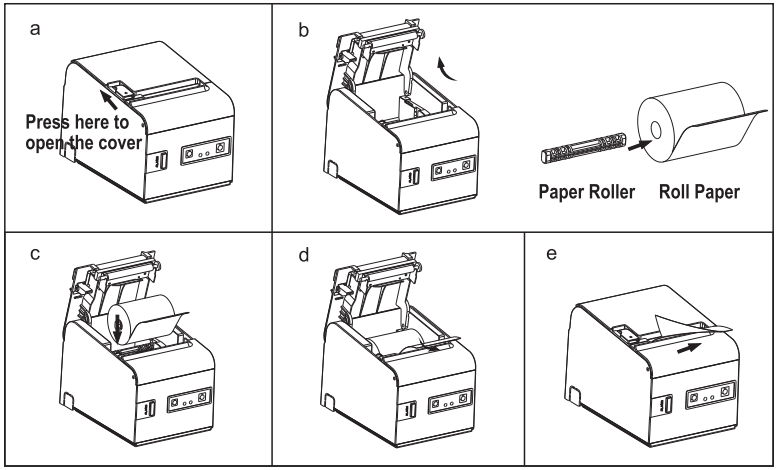
6. Printer Connection

a. Plug the DC cord connector into the printer's power connector.
b. Plug the data cable connector into the printer's interface connector.
c. Plug the drawer cable into the drawer kick-out connector on the back of the printer next to the interface connector.



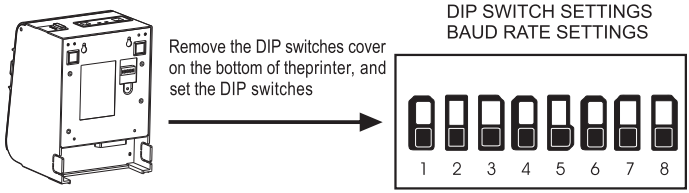
7. Installing the roll paper

a. Open the printer cover.
b. Install the roller in the roll paper, and put them into the printer.
c. Pull out some paper outside the printer and then close the printer cover.
d. Close the top cover. Press the printer cover to avoid error position of roll paper.
e. Tear-off the paper correctly.



8. Setting the Printing Mode (DIP switches)

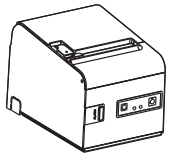
The DIP switches are used to set the printer to perform various functions, such as cutter mode, character set, speed, beeper, print density and etc.

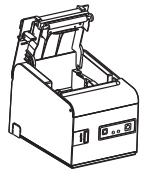

Remove the DIP switches cover
on the bottom of theprinter, and
set the DIP switches
DIP SWITCH SETTINGS
BAUD RATE SETTINGS
1 2 3 4 5 6 7 8

Interface	DIP-8	Function		ON	OFF
	SW-1	Select cutter		No	Yes
	SW-2	Select beeper		Yes	No
	SW-3	Select print density		Dark	Light
	SW-4	Two-byte character Code		No	Yes
	SW-5	Character per line		42	48
	SW-6	DK(RJ11) port output signal		Yes	No
Serial	SW-7	ON	OFF	ON	OFF
	SW-8	ON	ON	OFF	OFF
	Baud rate	38400	115200	9600	19200
Parallel& Ethernet	SW-8	ON		OFF	
	Print mode	Driver mode		Normal mode	

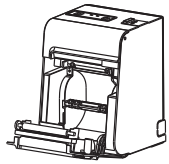
9. Printer Installation

a. Horizontal Printing

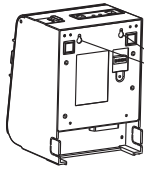




b. Vertical Printing

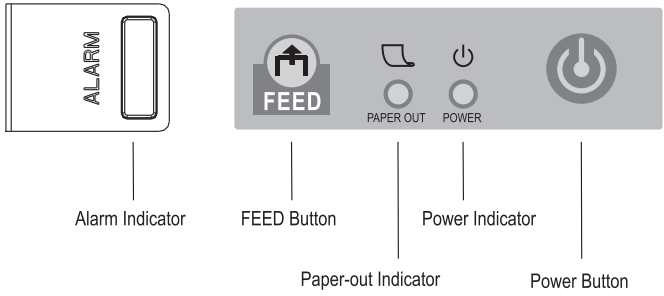


c. Wall mount Printing



Remove the bottom cover, there are two holders for wall mounting.

10. Buttons and Indicators



11. Functions of buttons and indicators

（1）. ALARM Indicator
When the printer is out of paper, the cutter error occurs or printer head overheats, the ALARM indicator flashes.

（2）. FEED Button
Press to feed paper manually.

（3）. PAPER OUT Indicator
When this indicator lights, the printer is out of paper.
When this indicator dims, the printer is with paper.

（4）. POWER Indicator
When this indicator lights, the printer is turned on.
When this indicator dims, the printer is turned off.

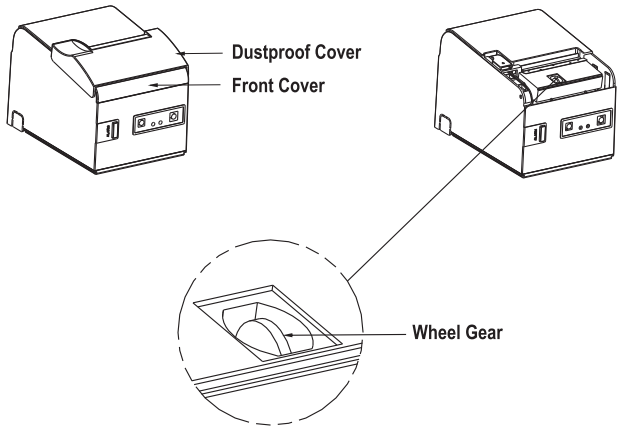
（5）. POWER Button
Press to turn on/off the printer

12. Cutter Maintenance

Step（1）
a. Turn off then on the printer, the printer will initialize and reset the cutter.

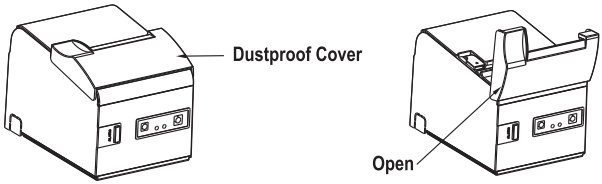
Step（2）
a. Remove the dustproof cover and front cover.
b. Wheel the gear on the cutter to make the cutter back to initial position. Open the printer cover and install roll paper correctly, then the printer works normally.

Caution: Do not open the printer cover by force, so as not to damage the print head and auto cutter.



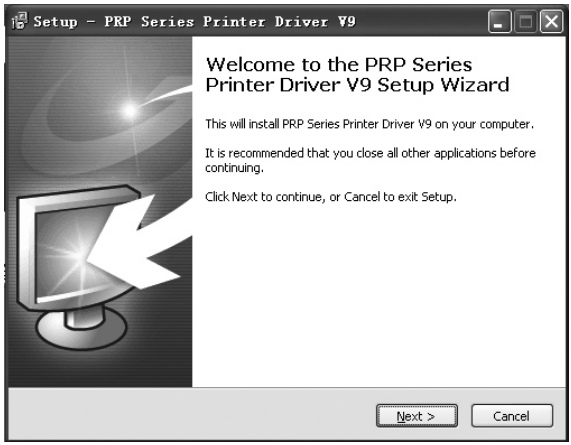
13. Professional Functions

a. 250mm/sec high-speed printing
b. Support Kitchen Printing, Ethernet Printing, and various interfaces
c. With waterproof, dustproof and oil-proof design

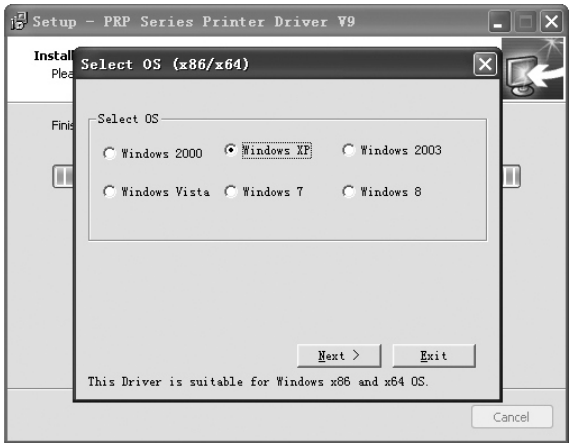


14. Driver Setup

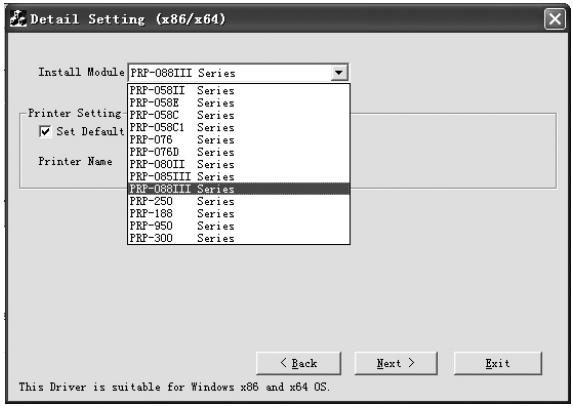
a. Run the PRPDRV EN5.0G.exe to setup the printer driver


Setup - PRP Series Printer Driver V9
Welcome to the PRP Series Printer Driver V9 Setup Wizard
This will install PRP Series Printer Driver V9 on your computer.
It is recommended that you close all other applications before continuing.
Click Next to continue, or Cancel to exit Setup.
Next >
Cancel

b. Choose one of the OS you're using, and click "Next" to continue



c. Choose model PRP-088III to finish the setup



d. Select the corresponding printer port.